Message

From: Russo, Todd [Russo.Todd@epa.gov]
Sent: 9/20/2021 9:13:19 PM
To: Kler, Denis [Kler.Denis@epa.gov]; Taylor, Kevin [Taylor.Kevin@epa.gov]; Mills, Andrew [mills.andrew@epa.gov]; Dressler, Jason [Dressler.Jason@epa.gov]; Pratt, Marirose [Pratt.Marirose@epa.gov]; Fried, Gregory [Fried.Gregory@epa.gov]; Caballero, Kathryn [Caballero.Kathryn@epa.gov]; Foley, Patrick [Foley.Patrick@epa.gov]; Secrest, Cary [Secrest.Cary@epa.gov]
Subject: FW: ORP reports - New Indy
Attachments: ORP 0918_0919.piz; ORP 0919 1100.png; ORP 0919 1000.png; ORP 0919 0900.png; ORP 0919 0800.png; ORP 0919 0700.png; ORP 0919 0600.png; ORP 0919 0500.png; ORP 0919 0400.png; ORP 0919 0300.png; ORP 0919 0200.png; ORP 0919 0100.png; ORP 0918 2200.png; ORP 0919 0000.png; ORP 0918 2300.png; ORP 0918 2100.png; ORP 0918 2000.png; ORP 0918 1900.png; ORP 0918 1800.png; ORP 0918 1700.png; ORP 0918 1600.png; ORP 0918 1500.png; ORP 0918 1400.png; ORP 0918 1300.png; ORP 0918 1200.png; ORP 0918 1100.png; ORP 0918 1000.png; ORP 0918 0900.png; ORP 0918 0800.png; ORP 0918 0700.png; ORP 0918 0600.png; ORP 0918 0500.png; ORP 0918 0400.png; ORP 0918 0300.png

All,

New Indy is providing SC with information pertaining to their Oxidation Reduction Potential (ORP). The attached are just pictures so SC asked New Indy to provide the data in a table with the maintenance work that been done and the work that is still scheduled. This is related to New Indy monitoring the ORP during stripper maintenance to help control H2S emissions.

See below for more information.

Regards,

Todd Russo
Chief, Air Enforcement Branch
Enforcement and Compliance Assurance Division
U.S. EPA Region 4
Tel: (404) 562-9194

From: Reynolds, Scott <REYNOLDS@dhec.sc.gov>
Sent: Monday, September 20, 2021 4:53 PM
To: Russo, Todd <Russo.Todd@epa.gov>
Cc: thompsrb@dhec.sc.gov; Marshall, Frances (Fran) <marshaf2@dhec.sc.gov>
Subject: ORP reports

Attached are the reports (images) that NI was providing . I've renamed them to indicate date and time of the last data represented.
(all originally named "ORP")
Through noon on the 18th the graphs represented 1 hour periods and subsequently overlapping 2 hour periods so I could maintain some context...
Some additional detail about the sensor provided by Mr Lowell...

The ORP sensor will be located toward the end of the hard pipe from the stripper to the ASB after hydrogen peroxide injection point. The ORP sensor will be linked to the mill DCS and there will be alarms set for different conditions. If a low ORP is detected, the mill will increase hydrogen peroxide addition rate. Because the volume of foul condensate is relatively low compared to the volume of wastewater from the other mill sources and compared to the volume of the ASB, the mill will be able to correct these conditions at the ASB well in advance of H2S formation.

I seem to remember that EPA email filters scrub zipped files, so the attached needs the extension changed..

Let me know if you need something else or a different way